TA-H6800E

SERVICE MANUAL

Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model

This set is the
Pre-Amplifier section
in FH-E9X, MHC-6800.

SPECIFICATIONS

Audio inputs	PHONO (phono jacks): sensitivity 3 mV, impedance 47 kilohms VIDEO 1 (phono jacks): sensitivity 250 mV, impedance 47 kilohms VIDEO 2/MD/DAT (phono jacks): sensitivity 250 mV, impedance 47 kilohms
Video inputs	VIDEO 1 (phono jacks): 1 Vp-p/75 ohms unbalanced, sync negative VIDEO 2/MD/DAT (phono jacks): 1 Vp-p/75 ohms unbalanced, sync negative
Audio outputs	VIDEO 1 (phono jacks): voltage 250 mV impedance 2 kilohms VIDEO 2/MD/DAT (phono jacks): voltage 250 mV impedance 2 kilohms
Video outputs	VIDEO 1 (phono jacks): voltage 250 mV impedance 2 kilohms MONITOR OUT (phono jacks): voltage 250 mV impedance 2 kilohms

Design and specifications subject to change without notice.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

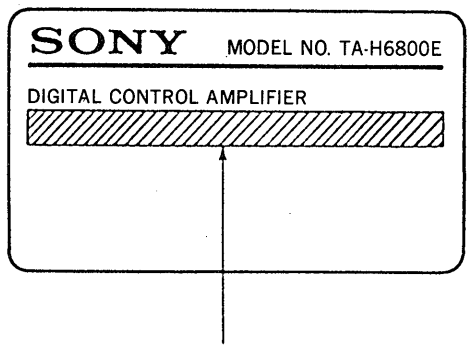
LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

DIGITAL CONTROL AMPLIFIER

SONY®

MODEL IDENTIFICATION

—Model Number Label—



CND model : AC: 120V 60Hz
AEP model : AC: 220—230V~50/60Hz 45W
Italian model : AC: 220—230V~50Hz 45W
German model: SYSTEM MHC-6800
AC: 220—230V~50Hz 45W
UK model : AC: 240V~50Hz
E, EA, JE, AUS,
MY, SP model : AC: 110—120/220—240V~50/60Hz 45W

• Abbreviations
CND: Canadian model
EA : Saudi Arabia model
JE : Tourist model
AUS: Australian model
MY : Malaysia model
SP : Singapore model

TABLE OF CONTENTS

Section *Title* *Page*

1. GENERAL
1-1. Parts Identification 2

2. SERVICE NOTES
2-1. Service Mode 3
2-2. Service Position 3

3. DIAGRAMS
3-1. Circuit Boards Location 4
3-2. Block Diagram 5
3-3. Semiconductor Lead Layouts 7
3-4. Printed Wiring Boards—DSP/Pin Jack Section— ..8
3-5. Schematic Diagram—DSP/Pin Jack Section— 11
3-6. Schematic Diagram—Power/Micom/Panel Section— 16
3-7. Printed Wiring Boards—Power/Micom/Panel Section— 21

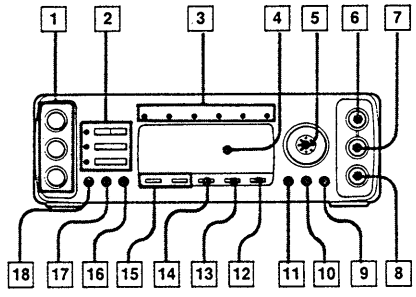
4. EXPLODED VIEW 24

5. ELECTRICAL PARTS LIST 26

SECTION 1
GENERAL

This section is extracted from instruction manual.

1-1. PARTS IDENTIFICATION

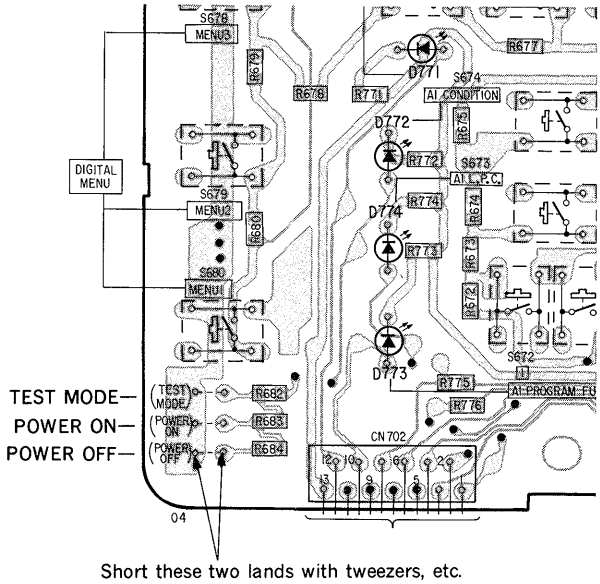


1 DIGITAL MENU (MENU 1/2/3) buttons (106)
2 AI operation buttons and indicators
AI PROGRAM 1/2 buttons and indicator (130)
AI L.P.C. button and indicator (128)
AI CONDITION button and indicator (124)
3 Function indicators (132)
4 Display window
5 CONTROLLER
6 FUNCTION AUDIO selector (22, 132)
7 FUNCTION VIDEO selector (22, 132)
8 DIRECT button (104)
9 DDS (Digital Dynamic Sound) button (118)
10 DPS (Digital Presence Surround) button (116)
11 DPE (Digital Parametric Equalizer) button (114)
12 RELAX button (144)
13 SLEEP timer button (144)
14 REC TIMER button (138)
15 CLOCK SET buttons (24) /TIMER 1, 2 buttons (134)
16 DISPLAY button (112)
17 USER MEMORY button (120, 122)
18 KARAOKE PON button and indicator (148)

SECTION 2
SERVICE NOTES

2-1. SERVICE MODE

When the test lands on the panel board are shorted, this set will enter the Test Mode. This allows you to test the fluorescent indicator tube and the LED display and to turn power ON/OFF.



※ The Test Mode cannot be entered unless the POWER is turned ON.

(1) POWER ON

In this set, the control (AU BUS) of the power amplifier TA-H6800N is used to turn the power ON/OFF. Without this power amplifier, even if 100Vac is input, the set will be always in the STANDBY (POWER OFF) state and any test other than clock operation check cannot be performed. Also, any power supply to the AUDIO system (A ±10V, DSP+5V) is OFF and so any energization check by sound input is not allowed. Therefore, the POWER ON test lands should be used to turn the power ON before entering repair.

(2) POWER OFF

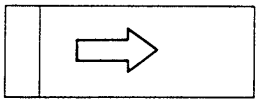
This changes from POWER ON to STANDBY state. The fluorescent indicator tube display will be of half brightness to display the clock.

(3) TEST MODE

In the POWER ON state, when the Test Mode lands are shorted once :

① All LED indicators are totally lit. (VIDEO 1 and VIDEO 2/MD/DAT are lit orange due to simultaneous illumination of red and green.)

② One vertical line appears on the fluorescent indicator tube surface and moves from left to right. At this time, make sure that this vertical line is not partially thicker.



③ The fluorescent indicator tube display is totally lit and this operation is stopped. Make sure that the display is illuminating equally without unevenness.

Each time the Test Mode land are shorted, the following operations are performed in turn :

Dolby sound in DSP menu is selected and

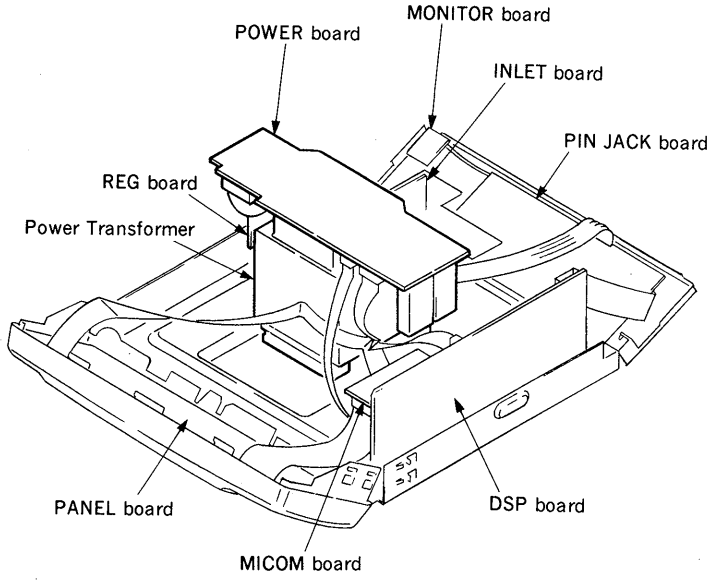
④ The parametric equalizer is set to 3dB up at 1kHz.

⑤ The parametric equalizer is set to 6dB up at 1kHz.

⑥ The set returns to the STANDBY state and the clock displays "0 : 00" (Cold Start). All the parameters including clock will be reset.

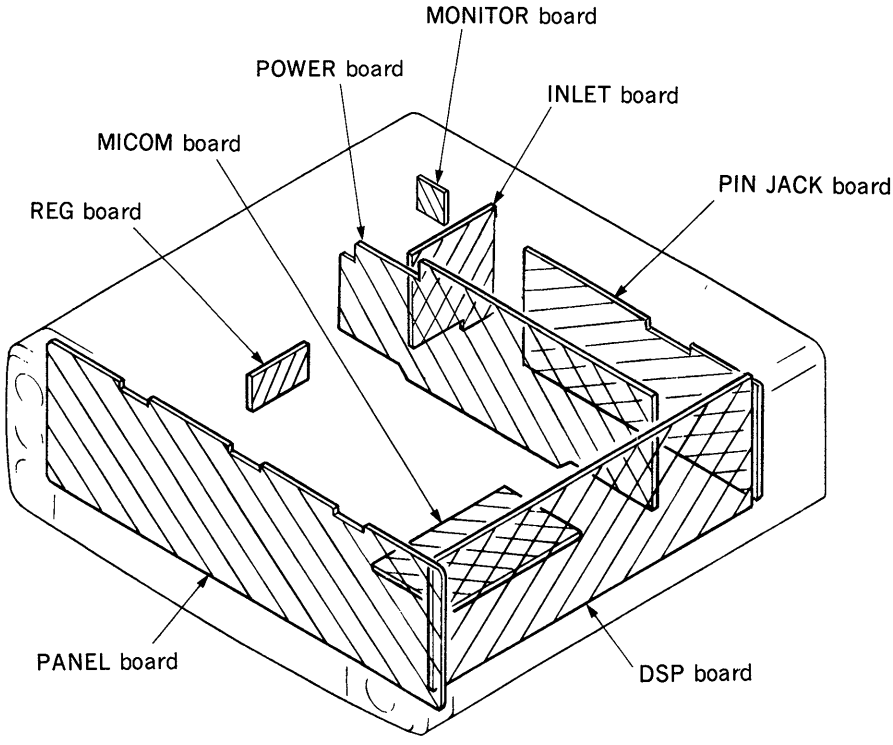
2-2. SERVICE POSITION

For this set, with the front and rear panels open, remove 4 screws securing the power transformer and 1 screw securing the AC inlet. Then, by facing the power transformer down as shown below, all the boards can be repaired.

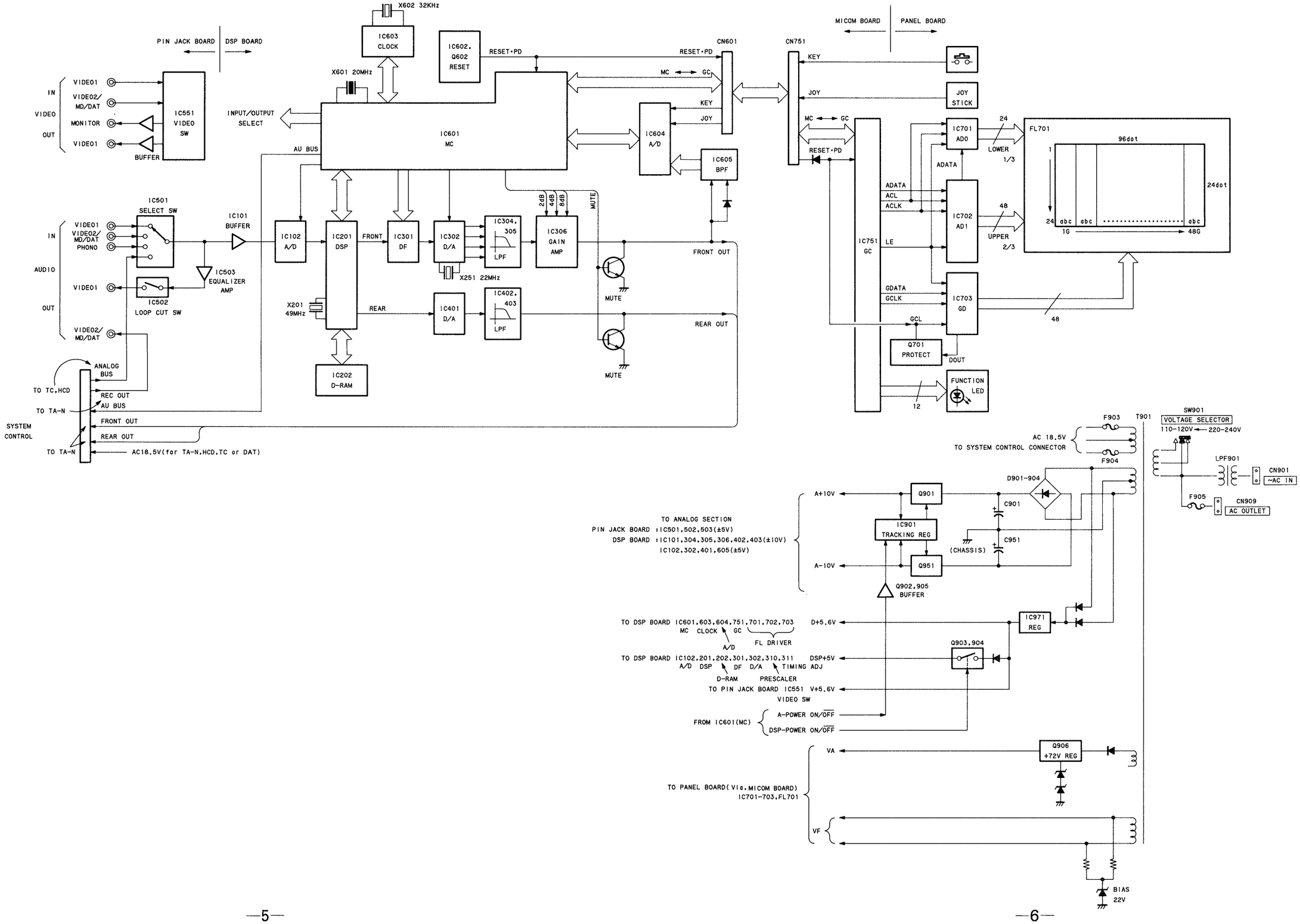


SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. BLOCK DIAGRAMS



3-3. SEMICONDUCTOR LEAD LAYOUTS

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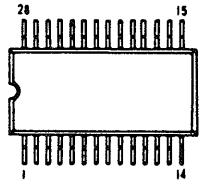
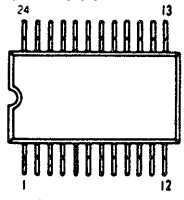
CXD2561BM



(TOP VIEW)

CXD2560M



(TOP VIEW)

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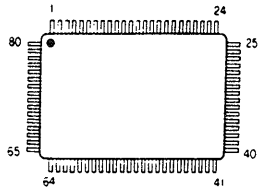

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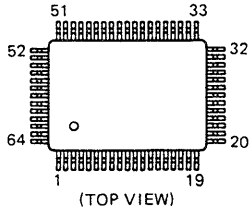
HD6433258-MC



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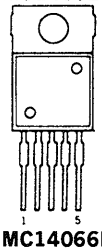

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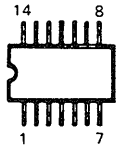

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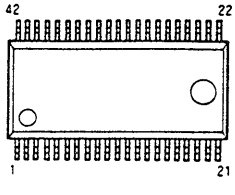

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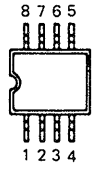

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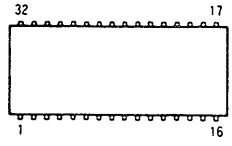

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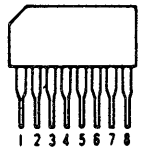

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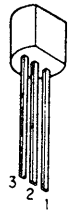

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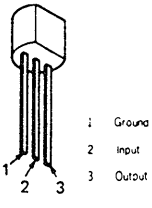

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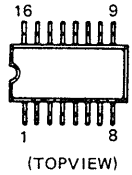

(TOPVIEW)

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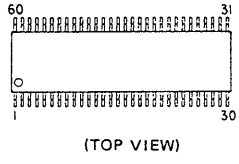

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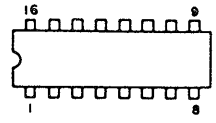
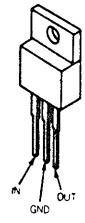


(TOP VIEW)

TA7805S



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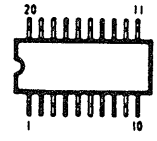
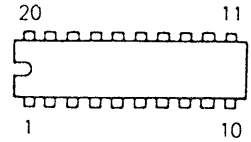


(TOPVIEW)

XR-1092



(TOP VIEW)

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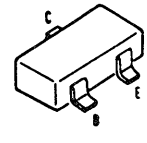

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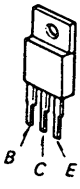

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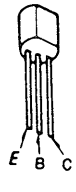

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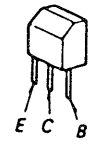

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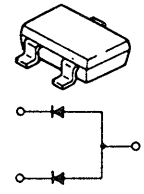

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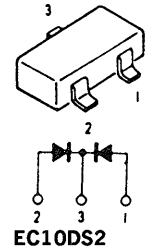

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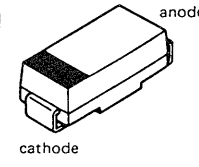

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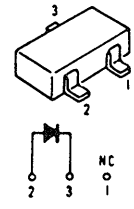

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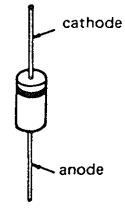

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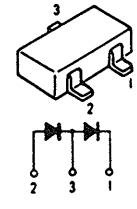

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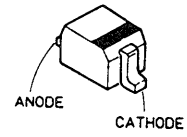
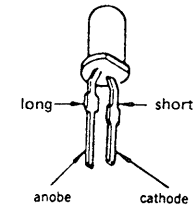
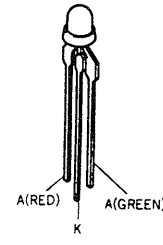


SEL2210S-CD



SML1216W



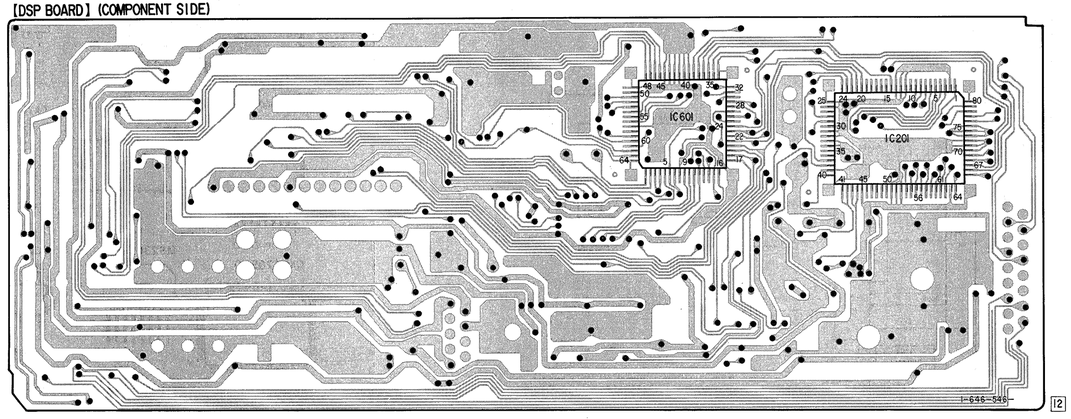
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D105	E-9	IC503	H-16
D501	E-16	IC551	F-14
D502	E-16	IC601	B-6
D503	G-16	IC602	G-5
D601	H-6	IC603	H-6
D602	H-5	IC604	G-6
D603	G-5	IC605	H-4
D604	G-5		
D605	G-3	Q301	F-3
D607	H-3	Q302	F-2
D608	H-4	Q303	F-2
		Q304	E-3
IC101	F-9	Q305	E-2
IC102	F-8	Q306	E-2
IC103	E-8	Q307	F-1
IC104	E-8	Q308	F-1
IC201	B-8	Q309	F-2
IC202	G-8	Q310	F-1
IC301	F-7	Q313	E-2
IC302	F-6	Q314	E-1
IC303	G-4	Q401	E-1
IC304	F-4	Q402	E-1
IC305	F-3	Q501	E-17
IC306	F-3	Q503	F-13
IC310	F-7	Q504	F-13
IC311	G-5	Q505	F-16
IC401	G-2	Q506	G-16
IC402	G-2	Q551	H-10
IC403	G-1	Q553	G-10
IC501	F-15	Q601	G-8
IC502	H-15	Q602	H-5

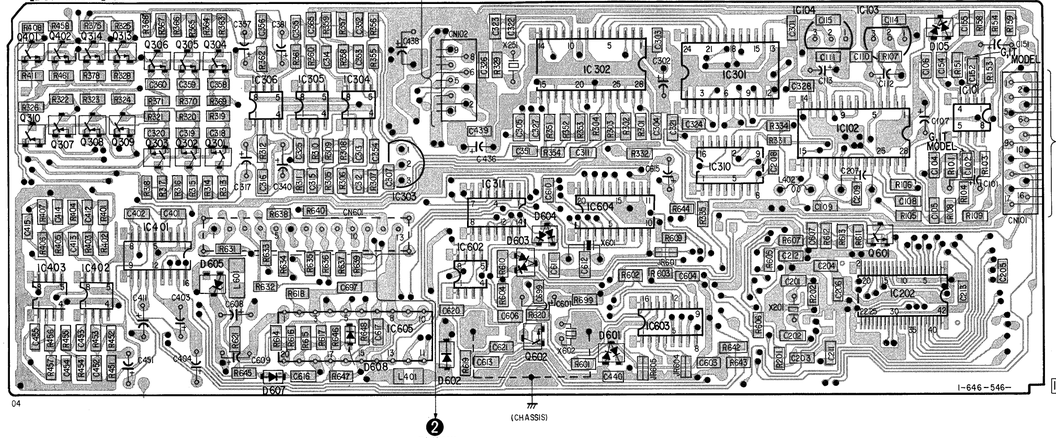
Note:
- ○——— : parts extracted from the component side.
- ● : Through hole.
- ▨ : Pattern on the side which is seen.
- ▨ : Pattern of the rear side. (PIN JACK Board)
- Abbreviations
  G : German model
  IT : Italian model

3-4. PRINTED WIRING BOARDS—DSP/PIN JACK SECTION— • Refer to page 7 for Semiconductor Lead Layouts.

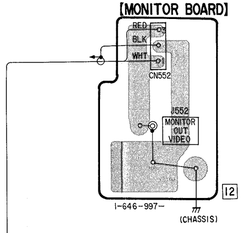
[DSP BOARD] (COMPONENT SIDE)



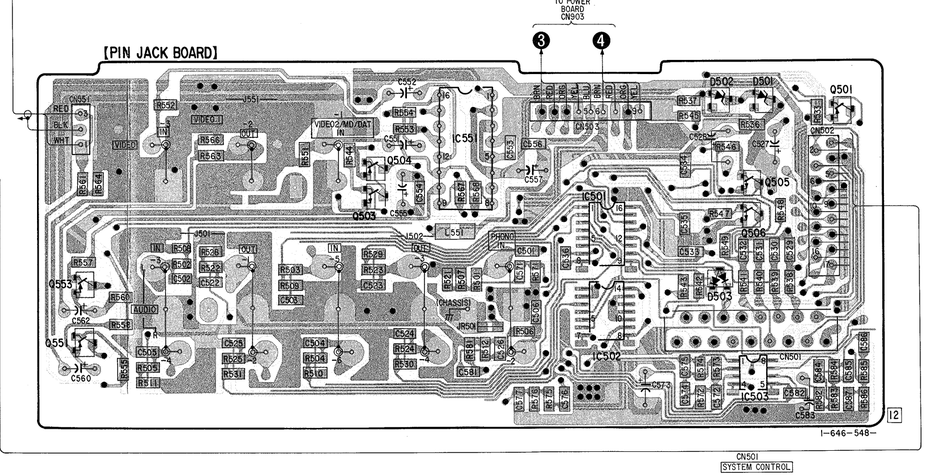
[DSP BOARD] (CONDUCTOR SIDE)



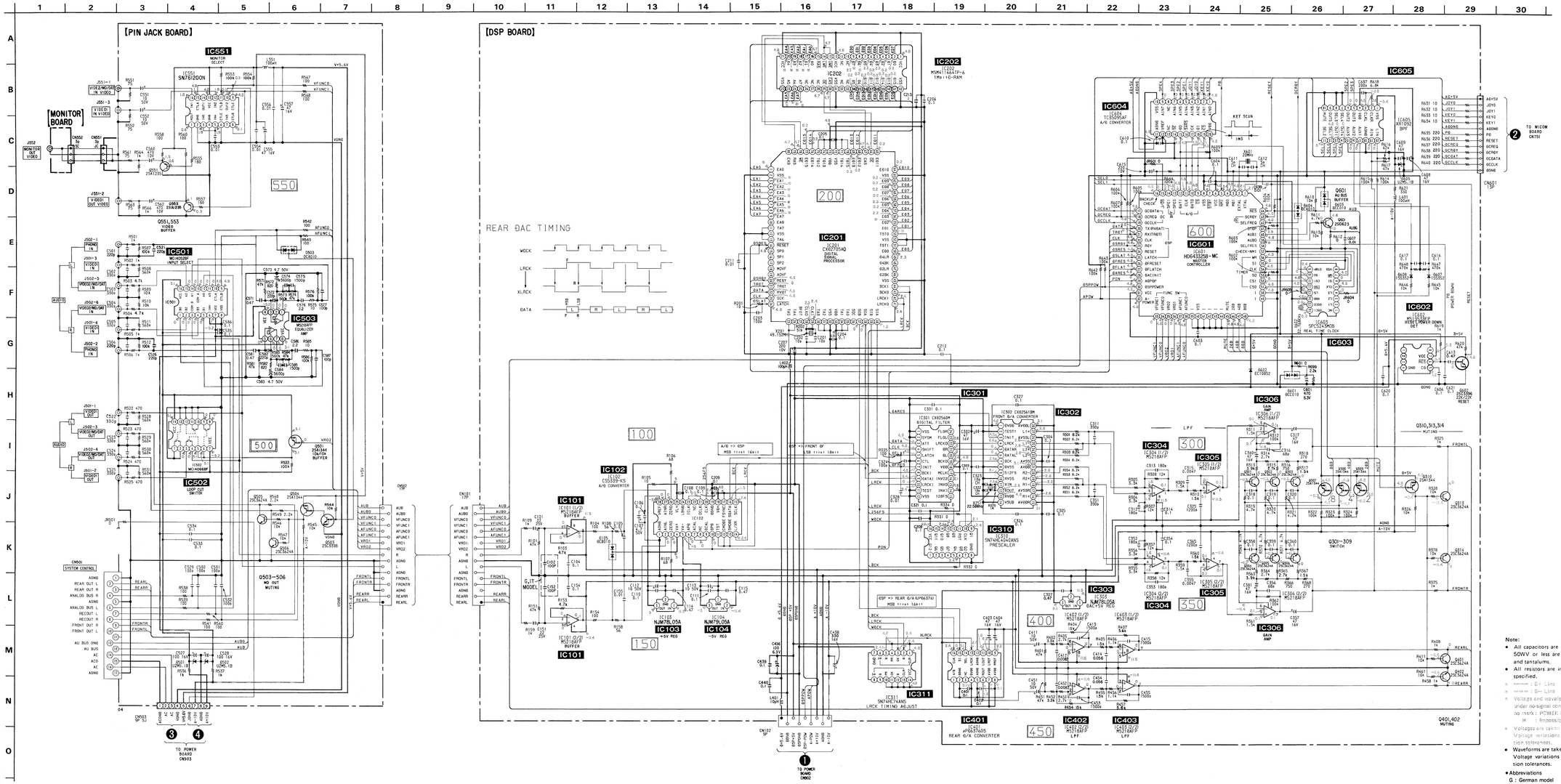
[MONITOR BOARD]



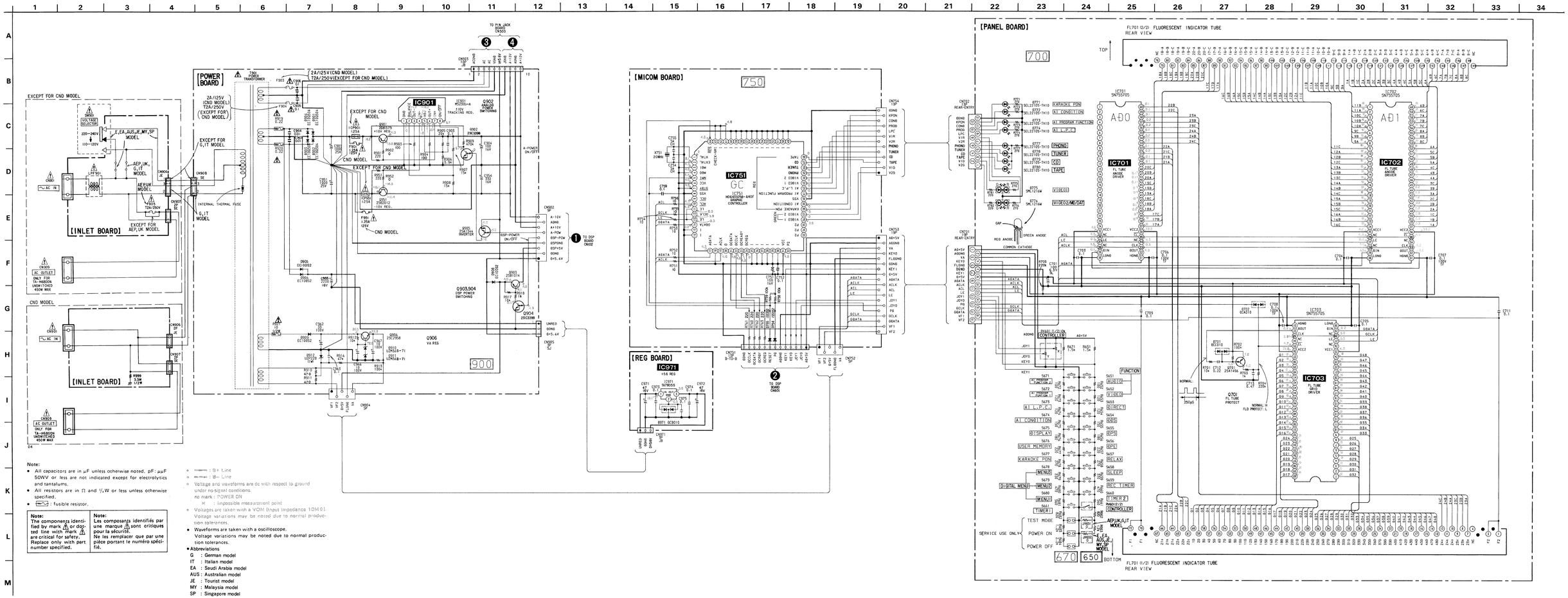
[PIN JACK BOARD]



3-5. SCHEMATIC DIAGRAM—DSP/PIN JACK SECTION—



3-6. SCHEMATIC DIAGRAM—POWER/MICOM/PANEL SECTION—

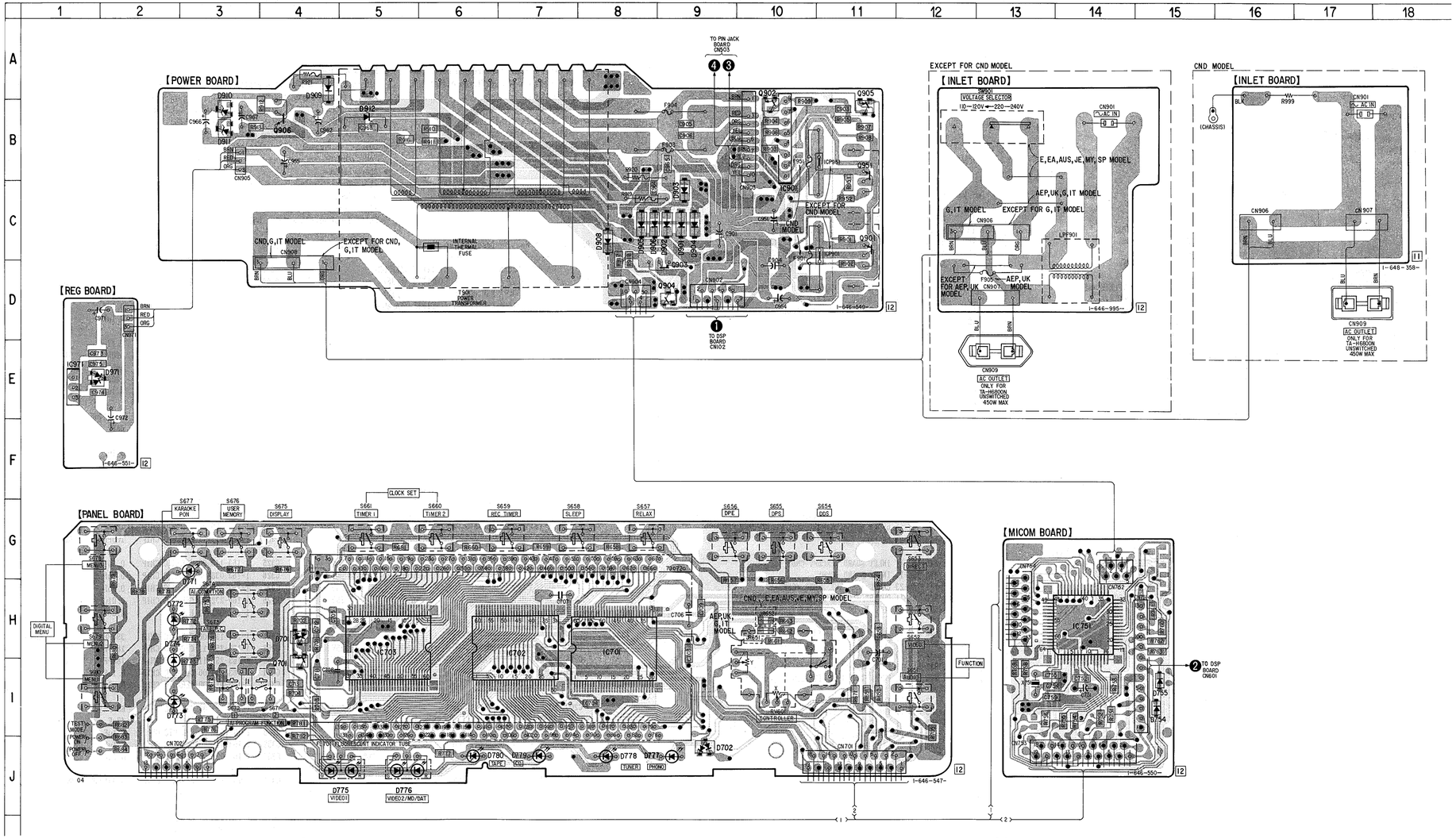


Note:
- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- : fusible resistor.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- : B+ Line
- : B− Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : POWER ON
  M : impossible measurement point
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Abbreviations
  G : German model
  IT : Italian model
  EA : Saudi Arabia model
  AUS : Australian model
  JE : Tourist model
  MY : Malaysia model
  SP : Singapore model
  CND: Canadian model

3-7. PRINTED WIRING BOARDS—POWER/MICON/PANEL SECTION— • Refer to page 7 for Semiconductor Lead Layouts.



● **Semiconductor Location**

Ref. No.	Location
D701	H-4
D702	J-9
D754	I-15
D755	I-15
D771	G-3
D772	H-2
D773	I-2
D774	H-2
D775	J-4
D776	J-5
D777	J-8
D778	J-8
D779	J-7
D780	J-6
D901	C-9
D902	C-9
D903	C-9
D904	C-9
D905	C-8
D906	C-8
D908	C-8
D909	A-4
D910	B-3
D911	B-3
D912	B-5
D971	E-1
IC701	H-8
IC702	H-7
IC703	H-5
IC751	H-14
IC901	C-10
IC971	E-1
Q701	I-4
Q901	C-11
Q902	A-10
Q903	D-9
Q904	D-9
Q905	A-11
Q906	B-4
Q951	B-11

Note:

- ○—— : parts extracted from the component side.
- ● : Through hole.
- ▒▒ : Pattern on the side which is seen.
- ▒▒ : Pattern of the rear side.

● Abbreviations

G : German model
IT : Italian model
EA : Saudi Arabia model
AUS : Australian model
JE : Tourist model
MY : Malaysia model
SP : Singapore model
CND : Canadian model

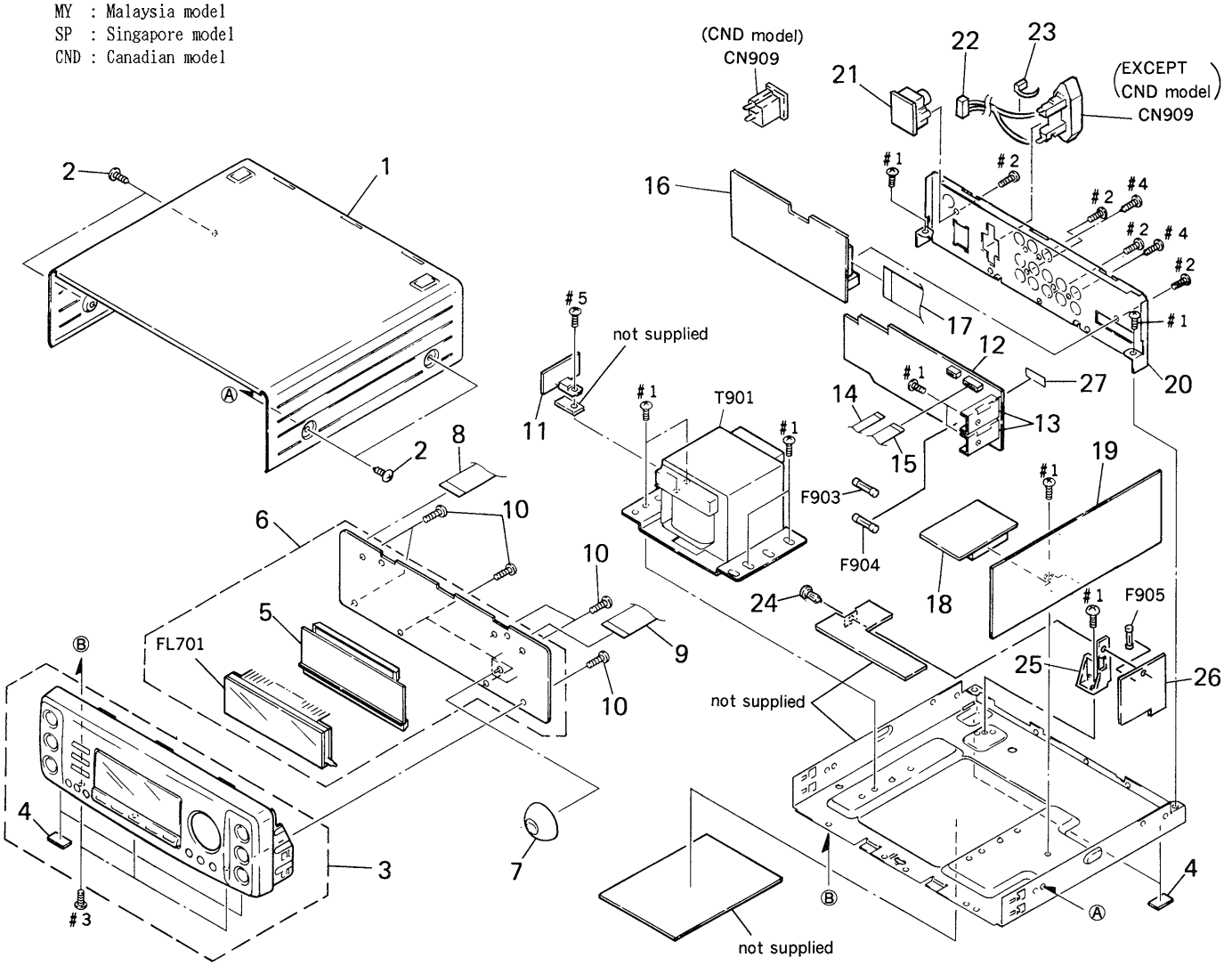
SECTION 4
EXPLODED VIEW

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Abbreviations
  JE : Tourist model
  G : German model
  IT : Italian model
  EA : Saudi Arabia model
  AUS : Australian model
  MY : Malaysia model
  SP : Singapore model
  CND : Canadian model



Ref. No.	Part No.	Description	Remark
* 1	4-954-198-41	CASE	
2	3-363-099-21	SCREW (CASE 3 TP2)	
3	X-4943-256-1	PANEL ASSY, FRONT	
4	4-930-336-21	FOOT (FELT)	
* 5	4-954-237-01	HOLDER (FL TUBE)	
* 6	A-4360-026-A	PANEL BOARD, COMPLETE (AEP, UK)	
* 6	A-4360-292-A	PANEL BOARD, COMPLETE (E, JE)	
* 6	A-4360-301-A	PANEL BOARD, COMPLETE (G, IT)	
* 6	A-4360-319-A	PANEL BOARD, COMPLETE (EA, AUS)	
* 6	A-4360-328-A	PANEL BOARD, COMPLETE (MY, SP)	
* 6	A-4360-936-A	PANEL BOARD, COMPLETE (CND)	
7	X-3365-653-1	KNOB (J/S) ASSY	
8	1-696-781-11	WIRE (FLAT TYPE) (13 CORE)	
9	1-696-780-11	WIRE (FLAT TYPE) (19 CORE)	
10	4-951-620-01	SCREW +BVTP 2.6X8	
* 11	1-646-551-11	REG BOARD	
* 12	A-4360-028-A	POWER BOARD, COMPLETE (AEP, UK)	
* 12	A-4360-294-A	POWER BOARD, COMPLETE (E, JE)	
* 12	A-4360-303-A	POWER BOARD, COMPLETE (G, IT)	
* 12	A-4360-321-A	POWER BOARD, COMPLETE (EA, AUS)	
* 12	A-4360-330-A	POWER BOARD, COMPLETE (MY, SP)	
* 12	A-4360-938-A	POWER BOARD, COMPLETE (CND)	
* 13	3-309-144-21	HEAT SINK	
14	1-590-031-11	WIRE (FLAT TYPE) (5 CORE)	
15	1-590-241-11	WIRE (FLAT TYPE) (9 CORE)	
* 16	A-4360-027-A	PIN JACK BOARD, COMPLETE (AEP, UK)	
* 16	A-4360-293-A	PIN JACK BOARD, COMPLETE (E, JE)	
* 16	A-4360-302-A	PIN JACK BOARD, COMPLETE (G, IT)	
* 16	A-4360-320-A	PIN JACK BOARD, COMPLETE (EA, AUS)	
* 16	A-4360-329-A	PIN JACK BOARD, COMPLETE (MY, SP)	
* 16	A-4360-937-A	PIN JACK BOARD, COMPLETE (CND)	
17	1-575-733-11	WIRE (FLAT TYPE) (17 CORE)	

Ref. No.	Part No.	Description	Remark
* 18	A-4360-029-A	MICOM BOARD, COMPLETE (AEP, UK)	
* 18	A-4360-295-A	MICOM BOARD, COMPLETE (E, JE)	
* 18	A-4360-306-A	MICOM BOARD, COMPLETE (G, IT)	
* 18	A-4360-322-A	MICOM BOARD, COMPLETE (EA, AUS)	
* 18	A-4360-331-A	MICOM BOARD, COMPLETE (MY, SP)	
* 18	A-4360-939-A	MICOM BOARD, COMPLETE (CND)	
* 19	A-4360-025-A	DSP BOARD, COMPLETE (AEP, UK)	
* 19	A-4360-291-A	DSP BOARD, COMPLETE (E, JE)	
* 19	A-4360-300-A	DSP BOARD, COMPLETE (G, IT)	
* 19	A-4360-318-A	DSP BOARD, COMPLETE (EA, AUS)	
* 19	A-4360-327-A	DSP BOARD, COMPLETE (MY, SP)	
* 19	A-4360-934-A	DSP BOARD, COMPLETE (CND)	
* 20	4-954-240-31	PANEL, BACK (AEP)	
* 20	4-954-240-41	PANEL, BACK (G)	
* 20	4-954-240-51	PANEL, BACK (UK)	
* 20	4-954-240-61	PANEL, BACK (IT)	
* 20	4-954-240-71	PANEL, BACK (E, EA, AUS, JE)	
* 20	4-954-240-81	PANEL, BACK (MY)	
* 20	4-954-240-91	PANEL, BACK (SP)	
* 20	4-958-082-02	PANEL, BACK (CND)	
* 21	1-646-997-11	MONITOR BOARD	
22	1-751-216-31	LEAD (WITH CONNECTOR) (2 CORE)	
23	3-655-653-01	BAND (TAITON), BINDING	
24	4-812-134-00	RIVET NYLON, 3.5	
* 25	4-954-242-01	BRACKET (IN)	
* 26	1-646-995-11	INLET BOARD (EXCEPT CND)	
* 26	1-648-358-11	INLET BOARD (CND)	
* 27	3-701-946-23	LABEL (2A125V), FUSE (CND)	
⚠CN909	1-526-794-11	OUTLET, AC (AC OUTLET) (EXCEPT CND)	
⚠CN909	1-526-882-00	OUTLET, AC (AC OUTLET) (CND)	
⚠F903	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (EXCEPT CND)	
⚠F903	1-532-743-11	FUSE, GLASS TUBE (2A/125V) (CND)	
⚠F904	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (EXCEPT CND)	
⚠F904	1-532-743-11	FUSE, GLASS TUBE (2A/125V) (CND)	
⚠F905	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (AEP, UK)	
FL701	1-517-110-11	INDICATOR TUBE, FLUORESCENT	
⚠T901	1-423-541-11	TRANSFORMER, POWER (AEP, G, IT)	
⚠T901	1-423-542-11	TRANSFORMER, POWER (E, EA, AUS, JE, MY, SP)	
⚠T901	1-423-561-11	TRANSFORMER, POWER (UK)	
⚠T901	1-423-708-11	TRANSFORMER, POWER (CND)	

SECTION 5
ELECTRICAL PARTS LIST

DSP

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA..: μA.. uPA..: μPA..
  uPB..: μPB.. uPC..: μPC.. uPD..: μPD..
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board.

- Abbreviations
  JE : Tourist model AUS : Australian model
  G : German model MY : Malaysia model
  IT : Italian model SP : Singapore model
  EA : Saudi Arabia model CND : Canadian model

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
*	A-4360-025-A	DSP BOARD, COMPLETE (AEP, UK)			
*	A-4360-291-A	DSP BOARD, COMPLETE (E, JE)			
*	A-4360-300-A	DSP BOARD, COMPLETE (G, IT)			
*	A-4360-318-A	DSP BOARD, COMPLETE (EA, AUS)			
*	A-4360-327-A	DSP BOARD, COMPLETE (MY, SP)			
*	A-4360-934-A	DSP BOARD, COMPLETE (CND)			
		**********			
		< CAPACITOR >			
C101	1-126-049-11	ELECT	22uF	20%	25V
C102	1-163-251-11	CERAMIC CHIP (G, IT)	100PF	5%	50V
C104	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C105	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C106	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C107	1-126-163-11	ELECT	4.7uF	20%	50V
C108	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C109	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C110	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C111	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C112	1-126-059-11	ELECT	10uF	20%	50V
C113	1-126-059-11	ELECT	10uF	20%	50V
C114	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C115	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C151	1-126-049-11	ELECT	22uF	20%	25V
C152	1-163-251-11	CERAMIC CHIP (G, IT)	100PF	5%	50V
C154	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C155	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C201	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C202	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C203	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C204	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C205	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C206	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C207	1-126-101-11	ELECT	100uF	20%	16V
C208	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C209	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C211	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C212	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C213	1-164-346-11	CERAMIC CHIP	1uF		16V
C301	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C302	1-126-022-11	ELECT	47uF	20%	16V
C303	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C304	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C305	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C307	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C311	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C312	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C313	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C314	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C315	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C316	1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C317	1-126-022-11	ELECT	47uF	20%	16V
C318	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C319	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C320	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C322	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C323	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C324	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C325	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C326	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C327	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C328	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C340	1-126-022-11	ELECT	47uF	20%	16V
C351	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C352	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C353	1-163-257-11	CERAMIC CHIP	180PF	5%	50V
C354	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C355	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C356	1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C357	1-126-022-11	ELECT	47uF	20%	16V
C358	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C359	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C360	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C365	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C381	1-126-022-11	ELECT	47uF	20%	16V
C401	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C402	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C403	1-126-022-11	ELECT	47uF	20%	16V

Ref. No.	Part No.	Description			Remark
C404	1-126-022-11	ELECT	47uF	20%	16V
C411	1-126-059-11	ELECT	10uF	20%	50V
C412	1-163-020-00	CERAMIC CHIP	0.0082uF	10%	50V
C413	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C414	1-164-343-11	CERAMIC CHIP	0.056uF	10%	25V
C415	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C436	1-124-443-00	ELECT	100uF	20%	10V
C438	1-126-025-11	ELECT	330uF	20%	16V
C439	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C440	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C451	1-126-059-11	ELECT	10uF	20%	50V
C452	1-163-020-00	CERAMIC CHIP	0.0082uF	10%	50V
C453	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C454	1-164-343-11	CERAMIC CHIP	0.056uF	10%	25V
C455	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C601	1-124-472-11	ELECT	470uF	20%	10V
C603	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C604	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C606	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C607	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C608	1-126-022-11	ELECT	47uF	20%	16V
C609	1-126-022-11	ELECT	47uF	20%	16V
C610	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C611	1-163-222-11	CERAMIC CHIP	5PF	0.25PF	50V
C612	1-163-222-11	CERAMIC CHIP	5PF	0.25PF	50V
C613	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C615	1-126-101-11	ELECT	100uF	20%	16V
C616	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C617	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C620	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C621	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C697	1-163-124-00	CERAMIC CHIP	200PF	5%	50V
C699	1-164-232-11	CERAMIC CHIP	0.01uF		50V
		< CONNECTOR >			
* CN101	1-568-836-11	SOCKET, CONNECTOR 17P			
* CN102	1-568-828-11	SOCKET, CONNECTOR 9P			
CN601	1-573-094-11	SOCKET, CONNECTOR 13P			
		< DIODE >			
D105	8-719-990-39	DIODE	DCB010		
D601	8-719-800-76	DIODE	1SS226		
D602	8-719-210-33	DIODE	EC10DS2		
D603	8-719-800-76	DIODE	1SS226		
D604	8-719-990-36	DIODE	DCA010		
D605	8-719-021-31	DIODE	UZM5.1B		
D607	8-719-016-74	DIODE	1SS352		
D608	8-719-016-74	DIODE	1SS352		

Ref. No.	Part No.	Description			Remark
		< IC >			
IC101	8-759-636-55	IC	M5218AFP		
IC102	8-759-045-15	IC	CS5339-KS		
IC103	8-759-708-05	IC	NJM78L05A		
IC104	8-759-700-65	IC	NJM79L05A		
IC201	8-752-352-30	IC	CXD2705AQ		
IC202	8-759-085-03	IC	M5M411664TP-6		
IC301	8-752-342-65	IC	CXD2560M		
IC302	8-752-351-19	IC	CXD2561BM		
IC303	8-759-708-05	IC	NJM78L05A		
IC304	8-759-636-55	IC	M5218AFP		
IC305	8-759-636-55	IC	M5218AFP		
IC306	8-759-636-55	IC	M5218AFP		
IC310	8-759-926-98	IC	SN74HC4040ANS		
IC311	8-759-925-90	IC	SN74HC74ANS		
IC401	8-759-148-30	IC	uPD6376		
IC402	8-759-636-55	IC	M5218AFP		
IC403	8-759-636-55	IC	M5218AFP		
IC601	8-759-082-92	IC	HD6433258-MC		
IC602	8-759-634-43	IC	M51953BFP		
IC603	8-759-082-94	IC	SPC5243M0B		
IC604	8-759-245-58	IC	TC35095AF		
IC605	8-759-512-48	IC	XR-1092		
		< JUMPER RESISTOR >			
JR601	1-216-295-00	METAL CHIP	0	5%	1/10W
JR604	1-216-295-00	METAL CHIP	0	5%	1/10W
JR605	1-216-295-00	METAL CHIP	0	5%	1/10W
		< INDUCTOR >			
L401	1-410-381-11	INDUCTOR CHIP	10uH		
L402	1-410-482-31	INDUCTOR	100uH		
L601	1-410-393-11	INDUCTOR CHIP	100uH		
		< TRANSISTOR >			
Q301	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q302	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q303	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q304	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q305	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q306	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q307	8-729-805-65	TRANSISTOR	2SA1344		
Q308	8-729-805-65	TRANSISTOR	2SA1344		
Q309	8-729-805-65	TRANSISTOR	2SA1344		
Q310	8-729-805-65	TRANSISTOR	2SA1344		
Q313	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q314	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q401	8-729-107-46	TRANSISTOR	2SC3624A-L15		

DSP

Ref. No.	Part No.	Description				Remark
Q402	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q601	8-729-120-28	TRANSISTOR	2SC1623-L5L6			
Q602	8-729-805-43	TRANSISTOR	2SC3396			
		< RESISTOR >				
R101	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R103	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R104	1-216-025-00	METAL CHIP	100	5%	1/10W	
R105	1-216-001-00	METAL CHIP	10	5%	1/10W	
R106	1-216-021-00	METAL CHIP	68	5%	1/10W	
R107	1-216-021-00	METAL CHIP	68	5%	1/10W	
R108	1-216-019-00	METAL CHIP	56	5%	1/10W	
R109	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R151	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R153	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R154	1-216-025-00	METAL CHIP	100	5%	1/10W	
R158	1-216-019-00	METAL CHIP	56	5%	1/10W	
R159	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R201	1-216-001-00	METAL CHIP	10	5%	1/10W	
R202	1-216-066-00	METAL CHIP	5.1K	5%	1/10W	
R301	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R302	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R303	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R304	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R305	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R306	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R307	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R308	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R309	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R310	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R311	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R312	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R313	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R314	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R315	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R316	1-216-046-00	METAL CHIP	750	5%	1/10W	
R317	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R318	1-216-035-00	METAL CHIP	270	5%	1/10W	
R319	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R320	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R321	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R322	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R323	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R324	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R325	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R326	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R328	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R329	1-216-121-00	METAL CHIP	1M	5%	1/10W	
R331	1-216-295-00	METAL CHIP	0	5%	1/10W	

Ref. No.	Part No.	Description				Remark
R332	1-216-295-00	METAL CHIP	0	5%	1/10W	
R334	1-216-295-00	METAL CHIP	0	5%	1/10W	
R335	1-216-025-00	METAL CHIP	100	5%	1/10W	
R351	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R352	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R353	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R354	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R355	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R356	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R357	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R358	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R359	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R360	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R361	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R362	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R363	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R364	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R365	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R366	1-216-046-00	METAL CHIP	750	5%	1/10W	
R367	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R368	1-216-035-00	METAL CHIP	270	5%	1/10W	
R369	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R370	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R371	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R375	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R378	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R401	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R402	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R403	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R404	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R405	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R406	1-216-050-00	METAL GLAZE	1.1K	5%	1/10W	
R407	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	
R408	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R411	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R451	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R452	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R453	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R454	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R455	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R456	1-216-050-00	METAL GLAZE	1.1K	5%	1/10W	
R457	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	
R458	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R461	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R601	1-216-295-00	METAL CHIP	0	5%	1/10W	
R602	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R603	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R604	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R605	1-216-097-00	METAL CHIP	100K	5%	1/10W	

Ref. No.	Part No.	Description			Remark
R606	1-216-097-00	METAL CHIP	100K	5%	1/10W
R607	1-216-097-00	METAL CHIP	100K	5%	1/10W
R609	1-216-097-00	METAL CHIP	100K	5%	1/10W
R610	1-216-073-00	METAL CHIP	10K	5%	1/10W
R611	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R612	1-216-295-00	METAL CHIP	0	5%	1/10W
R613	1-216-073-00	METAL CHIP	10K	5%	1/10W
R614	1-216-097-00	METAL CHIP	100K	5%	1/10W
R615	1-216-097-00	METAL CHIP	100K	5%	1/10W
R616	1-216-089-00	METAL CHIP	47K	5%	1/10W
R617	1-216-089-00	METAL CHIP	47K	5%	1/10W
R618	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R619	1-216-049-00	METAL CHIP	1K	5%	1/10W
R620	1-216-089-00	METAL CHIP	47K	5%	1/10W
R621	1-216-037-00	METAL CHIP	330	5%	1/10W
R631	1-216-001-00	METAL CHIP	10	5%	1/10W
R632	1-216-001-00	METAL CHIP	10	5%	1/10W
R633	1-216-001-00	METAL CHIP	10	5%	1/10W
R634	1-216-001-00	METAL CHIP	10	5%	1/10W
R635	1-216-033-00	METAL CHIP	220	5%	1/10W
R636	1-216-033-00	METAL CHIP	220	5%	1/10W
R637	1-216-033-00	METAL CHIP	220	5%	1/10W
R638	1-216-033-00	METAL CHIP	220	5%	1/10W
R639	1-216-033-00	METAL CHIP	220	5%	1/10W
R640	1-216-033-00	METAL CHIP	220	5%	1/10W
R642	1-216-097-00	METAL CHIP	100K	5%	1/10W
R643	1-216-097-00	METAL CHIP	100K	5%	1/10W
R644	1-216-097-00	METAL CHIP	100K	5%	1/10W
R645	1-216-073-00	METAL CHIP	10K	5%	1/10W
R646	1-216-073-00	METAL CHIP	10K	5%	1/10W
R647	1-216-113-00	METAL CHIP	470K	5%	1/10W
R648	1-216-113-00	METAL CHIP	470K	5%	1/10W
R699	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
		< VIBRATOR >			
X201	1-579-069-11	VIBRATOR, CRYSTAL (49.152MHz)			
X251	1-579-314-11	VIBRATOR, CRYSTAL (22.58MHz)			
X601	1-567-928-11	VIBRATOR, CERAMIC (20MHz)			
X602	1-579-258-21	VIBRATOR, CRYSTAL (32.768kHz)			

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Ref. No.	Part No.	Description	Remark
*	1-646-995-11	INLET BOARD (EXCEPT CND)	
*	1-648-358-11	INLET BOARD (CND)	
		**********	
*	1-533-213-11	HOLDER, FUSE (EXCEPT CND)	
		< CONNECTOR >	
⚠CN901	1-526-930-11	INLET, AC (~ AC IN) (CND, E, JE)	
⚠CN901	1-526-931-11	INLET, AC (~ AC IN) (AEP, UK, G, IT, EA, AUS, MY, SP)	
CN906	1-564-321-00	PIN, CONNECTOR 2P (CND, G, IT)	
CN906	1-564-687-11	PIN, CONNECTOR 3P (AEP, UK, E, EA, AUS, JE, MY, SP)	
CN907	1-564-321-00	PIN, CONNECTOR 2P	
		< FUSE >	
⚠F905	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (AEP, UK)	
		< FILTER >	
⚠LPF901	1-424-485-11	FILTER, LINE (EXCEPT CND)	
		< RESISTOR >	
R999	1-202-725-00	SOLID 3.3M 10% 1/2W (CND)	
		< SWITCH >	
⚠SW901	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E, EA, AUS, JE, MY, SP)	

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*	A-4360-029-A	MICOM BOARD, COMPLETE (AEP, UK)	
*	A-4360-295-A	MICOM BOARD, COMPLETE (E, JE)	
*	A-4360-306-A	MICOM BOARD, COMPLETE (G, IT)	
*	A-4360-322-A	MICOM BOARD, COMPLETE (EA, AUS)	
*	A-4360-331-A	MICOM BOARD, COMPLETE (MY, SP)	
*	A-4360-939-A	MICOM BOARD, COMPLETE (CND)	
		**********	
		< CAPACITOR >	
C751	1-126-023-11	ELECT 100uF 20% 16V	
C752	1-163-038-00	CERAMIC CHIP 0.1uF 25V	
C754	1-163-222-11	CERAMIC CHIP 5PF 0.25PF 50V	
C755	1-163-222-11	CERAMIC CHIP 5PF 0.25PF 50V	
C759	1-163-038-00	CERAMIC CHIP 0.1uF 25V	
		< CONNECTOR >	
* CN751	1-573-087-11	PIN, CONNECTOR 13P	
* CN752	1-568-824-11	SOCKET, CONNECTOR 5P	
CN753	1-568-802-11	SOCKET, CONNECTOR 19P	
* CN754	1-568-832-11	SOCKET, CONNECTOR 13P	

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MICOM MONITOR PANEL

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D754	8-719-016-74	DIODE 1SS352			
D755	8-719-016-74	DIODE 1SS352			
		< IC >			
IC751	8-759-082-93	IC HD6433258A40F			
		< RESISTOR >			
R751	1-216-001-00	METAL CHIP	10	5%	1/10W
R752	1-216-001-00	METAL CHIP	10	5%	1/10W
R753	1-216-001-00	METAL CHIP	10	5%	1/10W
R754	1-216-001-00	METAL CHIP	10	5%	1/10W
R755	1-216-001-00	METAL CHIP	10	5%	1/10W
R756	1-216-001-00	METAL CHIP	10	5%	1/10W
R758	1-216-097-00	METAL CHIP	100K	5%	1/10W
R759	1-216-097-00	METAL CHIP	100K	5%	1/10W
R760	1-216-033-00	METAL CHIP	220	5%	1/10W
R761	1-216-033-00	METAL CHIP	220	5%	1/10W
R762	1-216-033-00	METAL CHIP	220	5%	1/10W
R763	1-216-033-00	METAL CHIP	220	5%	1/10W
		< VIBRATOR >			
X751	1-567-928-11	VIBRATOR, CERAMIC (20MHz)			
**********					
*	1-646-997-11	MONITOR BOARD			
		**********			
		< CONNECTOR >			
* CN552	1-573-273-11	PIN, CONNECTOR 3P			
		< JACK >			
J552	1-569-143-11	JACK, PIN 1P (MONITOR OUT VIDEO)			
**********					
*	A-4360-026-A	PANEL BOARD, COMPLETE (AEP, UK)			
*	A-4360-292-A	PANEL BOARD, COMPLETE (E, JE)			
*	A-4360-301-A	PANEL BOARD, COMPLETE (G, IT)			
*	A-4360-319-A	PANEL BOARD, COMPLETE (EA, AUS)			
*	A-4360-328-A	PANEL BOARD, COMPLETE (MY, SP)			
*	A-4360-936-A	PANEL BOARD, COMPLETE (CND)			
		**********			
*	4-954-237-01	HOLDER (FL TUBE)			
		< CAPACITOR >			
C701	1-124-584-00	ELECT	100uF	20%	10V
C703	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C704	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C705	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C706	1-104-694-11	FILM	0.1uF	5%	50V
C707	1-104-694-11	FILM	0.1uF	5%	50V
C708	1-104-694-11	FILM	0.1uF	5%	50V
C709	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C711	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C712	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C713	1-164-005-11	CERAMIC CHIP	0.47uF		25V
		< CONNECTOR >			
CN701	1-691-650-11	SOCKET, CONNECTOR 19P			
CN702	1-691-647-11	SOCKET, CONNECTOR 13P			
		< DIODE >			
D701	8-719-800-76	DIODE 1SS226			
D702	8-719-990-36	DIODE DCA010			
D771	8-719-301-37	LED SEL2210S-CD (KARAOKE PON)			
D772	8-719-301-37	LED SEL2210S-CD (AI CONDITION)			
D773	8-719-301-37	LED SEL2210S-CD (AI PROGRAM FUNCTION)			
D774	8-719-301-37	LED SEL2210S-CD (AI L.P.C.)			
D775	8-719-025-62	LED SML1216W (VIDEO1)			
D776	8-719-025-62	LED SML1216W (VIDEO2/MD/DAT)			
D777	8-719-301-37	LED SEL2210S-CD (PHONO)			
D778	8-719-301-37	LED SEL2210S-CD (TUNER)			
D779	8-719-301-37	LED SEL2210S-CD (CD)			
D780	8-719-301-37	LED SEL2210S-CD (TAPE)			
		< FLUORESCENT INDICATOR >			
FL701	1-517-110-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC701	8-759-082-95	IC SN755705			
IC702	8-759-082-95	IC SN755705			
IC703	8-759-082-95	IC SN755705			
		< JUMPER RESISTOR >			
JR651	1-216-295-00	METAL CHIP (AEP, UK, G, IT)	0	5%	1/10W
JR652	1-216-295-00	METAL CHIP E, EA, AUS, JE, MY, SP)	0	5%	1/10W (CND,
		< TRANSISTOR >			
Q701	8-729-805-66	TRANSISTOR 2SA1496			
		< RESISTOR >			
R651	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R652	1-216-025-00	METAL CHIP	100	5%	1/10W
R653	1-216-027-00	METAL CHIP	120	5%	1/10W

Ref. No.	Part No.	Description			Remark
R654	1-216-027-00	METAL CHIP	120	5%	1/10W
R655	1-216-029-00	METAL CHIP	150	5%	1/10W
R656	1-216-031-00	METAL CHIP	180	5%	1/10W
R657	1-216-033-00	METAL CHIP	220	5%	1/10W
R658	1-216-035-00	METAL CHIP	270	5%	1/10W
R659	1-216-037-00	METAL CHIP	330	5%	1/10W
R660	1-216-041-00	METAL CHIP	470	5%	1/10W
R661	1-216-043-00	METAL CHIP	560	5%	1/10W
R662	1-216-047-00	METAL CHIP	820	5%	1/10W
R663	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R671	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R672	1-216-025-00	METAL CHIP	100	5%	1/10W
R673	1-216-027-00	METAL CHIP	120	5%	1/10W
R674	1-216-027-00	METAL CHIP	120	5%	1/10W
R675	1-216-029-00	METAL CHIP	150	5%	1/10W
R676	1-216-031-00	METAL CHIP	180	5%	1/10W
R677	1-216-033-00	METAL CHIP	220	5%	1/10W
R678	1-216-035-00	METAL CHIP	270	5%	1/10W
R679	1-216-037-00	METAL CHIP	330	5%	1/10W
R680	1-216-041-00	METAL CHIP	470	5%	1/10W
R681	1-216-043-00	METAL CHIP	560	5%	1/10W
R682	1-216-047-00	METAL CHIP	820	5%	1/10W
R683	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R684	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R701	1-216-073-00	METAL CHIP	10K	5%	1/10W
R702	1-216-097-00	METAL CHIP	100K	5%	1/10W
R703	1-216-049-00	METAL CHIP	1K	5%	1/10W
R704	1-216-105-00	METAL CHIP	220K	5%	1/10W
R705	1-216-105-00	METAL CHIP	220K	5%	1/10W
R771	1-216-035-00	METAL CHIP	270	5%	1/10W
R772	1-216-035-00	METAL CHIP	270	5%	1/10W
R773	1-216-035-00	METAL CHIP	270	5%	1/10W
R774	1-216-035-00	METAL CHIP	270	5%	1/10W
R775	1-216-035-00	METAL CHIP	270	5%	1/10W
R776	1-216-035-00	METAL CHIP	270	5%	1/10W
R777	1-216-035-00	METAL CHIP	270	5%	1/10W
R781	1-216-033-00	METAL CHIP	220	5%	1/10W
R782	1-216-033-00	METAL CHIP	220	5%	1/10W

< VARIABLE RESISTOR >

RV601	1-223-174-11	RES, VAR, CARBON (WITH SWITCH) 10K (CONTROLLER)

< SWITCH >

S651	1-554-303-21	SWITCH, TACTILE (AUDIO FUNCTION)
S652	1-554-303-21	SWITCH, TACTILE (VIDEO FUNCTION)
S653	1-554-303-21	SWITCH, TACTILE (DIRECT)
S654	1-554-303-21	SWITCH, TACTILE (DDS)
S655	1-554-303-21	SWITCH, TACTILE (DPS)
S656	1-554-303-21	SWITCH, TACTILE (DPE)
S657	1-554-303-21	SWITCH, TACTILE (RELAX)
S658	1-554-303-21	SWITCH, TACTILE (SLEEP)
S659	1-554-303-21	SWITCH, TACTILE (REC TIMER)
S660	1-554-303-21	SWITCH, TACTILE (TIMER2)
S661	1-554-303-21	SWITCH, TACTILE (TIMER1)
S671	1-554-303-21	SWITCH, TACTILE (AI PROGRAM FUNCTION 2)
S672	1-554-303-21	SWITCH, TACTILE (AI PROGRAM FUNCTION 1)
S673	1-554-303-21	SWITCH, TACTILE (AI L.P.C.)
S674	1-554-303-21	SWITCH, TACTILE (AI CONDITION)
S675	1-554-303-21	SWITCH, TACTILE (DISPLAY)
S676	1-554-303-21	SWITCH, TACTILE (USER MEMORY)
S677	1-554-303-21	SWITCH, TACTILE (KARAOKE PON)
S678	1-554-303-21	SWITCH, TACTILE (MENU3)
S679	1-554-303-21	SWITCH, TACTILE (MENU2)
S680	1-554-303-21	SWITCH, TACTILE (MENU1)

****

*	A-4360-027-A	PIN JACK BOARD, COMPLETE (AEP, UK)
*	A-4360-293-A	PIN JACK BOARD, COMPLETE (E, JE)
*	A-4360-302-A	PIN JACK BOARD, COMPLETE (G, IT)
*	A-4360-320-A	PIN JACK BOARD, COMPLETE (EA, AUS)
*	A-4360-329-A	PIN JACK BOARD, COMPLETE (MY, SP)
*	A-4360-937-A	PIN JACK BOARD, COMPLETE (CND)

****

< CAPACITOR >

C501	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C502	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C504	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C505	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C506	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C521	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C522	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C523	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C524	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C525	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C526	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C527	1-126-023-11	ELECT	100uF	20%	16V
C528	1-126-023-11	ELECT	100uF	20%	16V
C529	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C530	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C531	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C532	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C533	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C534	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C535	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C536	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C551	1-126-059-11	ELECT	10uF	20%	50V

PIN JACK

Ref. No.	Part No.	Description			Remark
C552	1-126-059-11	ELECT	10uF	20%	50V
C553	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C554	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C555	1-126-022-11	ELECT	47uF	20%	16V
C556	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C557	1-126-022-11	ELECT	47uF	20%	16V
C560	1-126-925-11	ELECT	470uF	20%	10V
C562	1-126-925-11	ELECT	470uF	20%	10V
C571	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C572	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C573	1-126-163-11	ELECT	4.7uF	20%	50V
C574	1-163-018-00	CERAMIC CHIP	0.0056uF	5%	50V
C575	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C576	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C577	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C581	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C582	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C583	1-126-163-11	ELECT	4.7uF	20%	50V
C584	1-163-018-00	CERAMIC CHIP	0.0056uF	5%	50V
C585	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C586	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C587	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
		< CONNECTOR >			
CN501	1-580-740-31	SOCKET, CONNECTOR 17P (SYSTEM CONTROL)			
CN502	1-568-860-11	SOCKET, CONNECTOR 17P			
CN503	1-695-009-11	PIN, CONNECTOR (PC BOARD) 9P			
CN551	1-751-217-21	LEAD (WITH CONNECTOR) (3 CORE)			
		< DIODE >			
D501	8-719-021-31	DIODE UZM5.1B			
D502	8-719-021-31	DIODE UZM5.1B			
D503	8-719-990-36	DIODE DCA010			
		< IC >			
IC501	8-759-009-06	IC MC14052BF			
IC502	8-759-008-67	IC MC14066BF			
IC503	8-759-636-55	IC M5218AFP			
IC551	8-759-061-95	IC SN761200			
		< JACK >			
J501	1-565-304-11	JACK, PIN 4P (VIDEO1 OUT/IN AUDIO)			
* J502	1-569-812-11	JACK, PIN 6P (PHONO IN AUDIO, VIDEO2/MD/DAT OUT/IN AUDIO)			
J551	1-750-577-11	JACK, PIN 3P (VIDEO2/MD/DAT IN VIDEO, VIDEO1 OUT/IN VIDEO)			

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JR501	1-216-295-00	METAL CHIP	0	5%	1/10W
		< INDUCTOR >			
L551	1-408-789-21	INDUCTOR CHIP	100uH		
		< TRANSISTOR >			
Q501	8-729-805-65	TRANSISTOR	2SA1344		
Q503	8-729-805-41	TRANSISTOR	2SC3398		
Q504	8-729-805-65	TRANSISTOR	2SA1344		
Q505	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q506	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q551	8-729-600-22	TRANSISTOR	2SA1235-F		
Q553	8-729-600-22	TRANSISTOR	2SA1235-F		
		< RESISTOR >			
R501	1-216-049-00	METAL CHIP	1K	5%	1/10W
R502	1-216-049-00	METAL CHIP	1K	5%	1/10W
R503	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R504	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R505	1-216-049-00	METAL CHIP	1K	5%	1/10W
R506	1-216-049-00	METAL CHIP	1K	5%	1/10W
R507	1-216-097-00	METAL CHIP	100K	5%	1/10W
R508	1-216-115-00	METAL CHIP	560K	5%	1/10W
R509	1-216-073-00	METAL CHIP	10K	5%	1/10W
R510	1-216-073-00	METAL CHIP	10K	5%	1/10W
R511	1-216-115-00	METAL CHIP	560K	5%	1/10W
R512	1-216-097-00	METAL CHIP	100K	5%	1/10W
R522	1-216-041-00	METAL CHIP	470	5%	1/10W
R523	1-216-041-00	METAL CHIP	470	5%	1/10W
R524	1-216-041-00	METAL CHIP	470	5%	1/10W
R525	1-216-041-00	METAL CHIP	470	5%	1/10W
R528	1-216-115-00	METAL CHIP	560K	5%	1/10W
R529	1-216-115-00	METAL CHIP	560K	5%	1/10W
R530	1-216-115-00	METAL CHIP	560K	5%	1/10W
R531	1-216-115-00	METAL CHIP	560K	5%	1/10W
R533	1-216-097-00	METAL CHIP	100K	5%	1/10W
R536	1-216-049-00	METAL CHIP	1K	5%	1/10W
R537	1-216-049-00	METAL CHIP	1K	5%	1/10W
R538	1-216-025-00	METAL CHIP	100	5%	1/10W
R539	1-216-025-00	METAL CHIP	100	5%	1/10W
R540	1-216-025-00	METAL CHIP	100	5%	1/10W
R541	1-216-025-00	METAL CHIP	100	5%	1/10W
R542	1-216-025-00	METAL CHIP	100	5%	1/10W
R543	1-216-025-00	METAL CHIP	100	5%	1/10W
R544	1-216-073-00	METAL CHIP	10K	5%	1/10W
R545	1-216-073-00	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R546	1-216-073-00	METAL CHIP	10K	5%	1/10W
R547	1-216-073-00	METAL CHIP	10K	5%	1/10W
R548	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R549	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R551	1-216-022-00	METAL CHIP	75	5%	1/10W
R552	1-216-022-00	METAL CHIP	75	5%	1/10W
R553	1-216-097-00	METAL CHIP	100K	5%	1/10W
R554	1-216-097-00	METAL CHIP	100K	5%	1/10W
R555	1-216-031-00	METAL CHIP	180	5%	1/10W
R557	1-216-031-00	METAL CHIP	180	5%	1/10W
R558	1-216-025-00	METAL CHIP	100	5%	1/10W
R560	1-216-025-00	METAL CHIP	100	5%	1/10W
R561	1-216-022-00	METAL CHIP	75	5%	1/10W
R563	1-216-022-00	METAL CHIP	75	5%	1/10W
R564	1-216-049-00	METAL CHIP	1K	5%	1/10W
R566	1-216-049-00	METAL CHIP	1K	5%	1/10W
R567	1-216-025-00	METAL CHIP	100	5%	1/10W
R568	1-216-025-00	METAL CHIP	100	5%	1/10W
R571	1-216-089-00	METAL CHIP	47K	5%	1/10W
R572	1-216-047-00	METAL CHIP	820	5%	1/10W
R573	1-216-115-00	METAL CHIP	560K	5%	1/10W
R574	1-216-089-00	METAL CHIP	47K	5%	1/10W
R575	1-216-001-00	METAL CHIP	10	5%	1/10W
R576	1-216-097-00	METAL CHIP	100K	5%	1/10W
R581	1-216-089-00	METAL CHIP	47K	5%	1/10W
R582	1-216-047-00	METAL CHIP	820	5%	1/10W
R583	1-216-115-00	METAL CHIP	560K	5%	1/10W
R584	1-216-089-00	METAL CHIP	47K	5%	1/10W
R585	1-216-001-00	METAL CHIP	10	5%	1/10W
R586	1-216-097-00	METAL CHIP	100K	5%	1/10W

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*	A-4360-028-A	POWER BOARD, COMPLETE (AEP, UK)
*	A-4360-294-A	POWER BOARD, COMPLETE (E, JE)
*	A-4360-303-A	POWER BOARD, COMPLETE (G, IT)
*	A-4360-321-A	POWER BOARD, COMPLETE (EA, AUS)
*	A-4360-330-A	POWER BOARD, COMPLETE (MY, SP)
*	A-4360-938-A	POWER BOARD, COMPLETE (CND)

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*	1-533-213-11	HOLDER, FUSE
*	3-309-144-21	HEAT SINK
*	3-701-946-23	LABEL (2A125V), FUSE (CND)
	7-682-547-09	SCREW +BVTT 3X6 (S)

< CAPACITOR >

C901	1-126-027-11	ELECT	1000uF	20%	25V
C903	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C904	1-126-023-11	ELECT	100uF	20%	16V
C905	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C906	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C951	1-126-027-11	ELECT	1000uF	20%	25V
C954	1-126-025-11	ELECT	330uF	20%	16V
C955	1-124-556-11	ELECT	2200uF	20%	16V
C962	1-126-892-71	ELECT	33uF	20%	100V
C963	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C964	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C965	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C966	1-126-890-11	ELECT	10uF	20%	100V
C967	1-126-890-11	ELECT	10uF	20%	100V

< CONNECTOR >

* CN902	1-568-828-11	SOCKET, CONNECTOR 9P
* CN904	1-568-824-11	SOCKET, CONNECTOR 5P
CN905	1-691-992-11	PIN, CONNECTOR (PC BOARD) 3P
CN908	1-751-217-21	LEAD (WITH CONNECTOR) (3 CORE) (AEP, UK, E, EA, AUS, JE, MY, SP)
CN908	1-751-325-21	LEAD (WITH CONNECTOR) (2 CORE) (G, IT)

< DIODE >

D901	8-719-210-39	DIODE EC10QS-04
D902	8-719-210-39	DIODE EC10QS-04
D903	8-719-210-39	DIODE EC10QS-04
D904	8-719-210-39	DIODE EC10QS-04
D905	8-719-210-39	DIODE EC10QS-04
D906	8-719-210-39	DIODE EC10QS-04
D908	8-719-210-33	DIODE EC10DS2
D909	8-719-210-33	DIODE EC10DS2
D910	8-719-022-80	DIODE UZM-36Z
D911	8-719-022-80	DIODE UZM-36Z
D912	8-719-015-79	DIODE UZP-22B

< FUSE >

⚠F901	1-532-777-21	FUSE, MICRO (SECONDARY) (1.25A/125V) (CND)
⚠F903	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (EXCEPT CND)
⚠F903	1-532-743-11	FUSE, GLASS TUBE (2A/125V) (CND)
⚠F904	1-532-203-00	FUSE, TIME-LAG (T2A/250V) (EXCEPT CND)
⚠F904	1-532-743-11	FUSE, GLASS TUBE (2A/125V) (CND)
⚠F951	1-532-777-21	FUSE, MICRO (SECONDARY) (1.25A/125V) (CND)

< IC >

IC901	8-759-602-66	IC M5230L-A

< IC LINK >

⚠ICP901	1-532-840-21	LINK, IC (PRF1250) (1.25A) (EXCEPT CND)
⚠ICP951	1-532-840-21	LINK, IC (PRF1250) (1.25A) (EXCEPT CND)

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

POWER REG

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q901	8-729-141-83	TRANSISTOR 2SB1094-LK			
Q902	8-729-805-41	TRANSISTOR 2SC3398			
Q903	8-729-118-01	TRANSISTOR 2SB1116			
Q904	8-729-805-41	TRANSISTOR 2SC3398			
Q905	8-729-805-65	TRANSISTOR 2SA1344			
Q906	8-729-195-82	TRANSISTOR 2SC2958			
Q951	8-729-209-15	TRANSISTOR 2SD2012			
		< RESISTOR >			
R901	1-216-033-00	METAL CHIP	220	5%	1/10W
R902	1-216-295-00	METAL CHIP	0	5%	1/10W
R903	1-216-025-00	METAL CHIP	100	5%	1/10W
R904	1-216-025-00	METAL CHIP	100	5%	1/10W
R905	1-216-080-00	METAL CHIP	20K	5%	1/10W
R906	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R907	1-216-077-00	METAL CHIP	15K	5%	1/10W
R908	1-216-077-00	METAL CHIP	15K	5%	1/10W
R909	1-216-113-00	METAL CHIP	470K	5%	1/10W
R910	1-216-041-00	METAL CHIP	470	5%	1/10W
R911	1-216-041-00	METAL CHIP	470	5%	1/10W
R912	1-216-073-00	METAL CHIP	10K	5%	1/10W
R913	1-216-097-00	METAL CHIP	100K	5%	1/10W
R916	1-216-089-00	METAL CHIP	47K	5%	1/10W
R917	1-216-073-00	METAL CHIP	10K	5%	1/10W
R918	1-216-049-00	METAL CHIP	1K	5%	1/10W
⚠R919	9-910-999-33	FUSIBLE	0.22	5%	1/4W F
⚠R920	9-910-999-33	FUSIBLE	0.22	5%	1/4W F
⚠R921	1-212-958-00	FUSIBLE	10	5%	1/2W F
R951	1-216-033-00	METAL CHIP	220	5%	1/10W
R952	1-216-295-00	METAL CHIP	0	5%	1/10W
**********					
*	1-646-551-11	REG BOARD			
		*********			
		< CAPACITOR >			
C971	1-126-022-11	ELECT	47uF	20%	16V
C972	1-126-022-11	ELECT	47uF	20%	16V
C973	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C974	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C975	1-163-038-00	CERAMIC CHIP	0.1uF		25V
		< DIODE >			
D971	8-719-990-39	DIODE DCB010			
		< IC >			
IC971	8-759-231-53	IC TA7805S			

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		************	
8	1-696-781-11	WIRE (FLAT TYPE) (13 CORE)	
9	1-696-780-11	WIRE (FLAT TYPE) (19 CORE)	
14	1-590-031-11	WIRE (FLAT TYPE) (5 CORE)	
15	1-590-241-11	WIRE (FLAT TYPE) (9 CORE)	
17	1-575-733-11	WIRE (FLAT TYPE) (17 CORE)	
22	1-751-216-31	LEAD (WITH CONNECTOR) (2 CORE)	
⚠CN909	1-526-794-11	OUTLET, AC (AC OUTLET) (EXCEPT CND)	
⚠CN909	1-526-882-00	OUTLET, AC (AC OUTLET) (CND)	
⚠T901	1-423-541-11	TRANSFORMER, POWER (AEP, G, IT)	
⚠T901	1-423-542-11	TRANSFORMER, POWER (E, EA, AUS, JE, MY, SP)	
⚠T901	1-423-561-11	TRANSFORMER, POWER (UK)	
⚠T901	1-423-708-11	TRANSFORMER, POWER (CND)	

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HARDWARE LIST

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#1	7-682-547-09	SCREW +BVTT 3X6 (S)
#2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S
#3	7-682-547-09	SCREW +BVTT 3X6 (S)
#4	7-621-849-00	SCREW, TAPPING
#5	7-682-548-04	SCREW +BVTT 3X8 (S)

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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